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Amendments to the Claims:

Set forth below is a current listing of all of the claims now present in the application, namely, claims 13-113. Claims 1-12 have previously been cancelled. Claims 76 and 95 are amended herein.

1-12 (cancelled)

13. (previously presented) An interior mirror system for a vehicle comprising:

a housing for attachment to the interior of the vehicle, said housing having an interior compartment and adapted for releasable mounting to a receiving structure on the interior surface of the windshield of the vehicle;

at least a first electrical component/accessory in said interior compartment of said housing;

said housing including a removable cover;

a rearview mirror including a rearview mirror element;

said rearview mirror including at least a second electrical component/accessory;

said rearview mirror attaching to said housing by a pivot joint, said rearview mirror being pivotally adjustable about said housing, said housing remaining fixedly mounted to the interior surface of the windshield of the vehicle while said rearview mirror is being adjusted;

whereby removal of said cover from said housing provides access to at least said first electrical component/accessory in said interior compartment of said housing.

14. (previously presented) The interior mirror system of claim 13 further including electrical wiring for electrically connecting to said first electrical component/accessory in said interior compartment of said housing.

15. (previously presented) The interior mirror system of claim 14 wherein said electrical wiring electrically connects to said second electrical component/accessory in said rearview mirror.

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16. (previously presented) The interior mirror system of claim 15 wherein said electrical wiring connects to an electrical system of the vehicle.

17. (previously presented) The interior mirror system of claim 15 wherein said housing includes a passageway for said electrical wiring.

18. (previously presented) The interior mirror system of claim 17 wherein said pivot joint includes a conduit therethrough for said electrical wiring, said conduit communicating with said rearview mirror and said passageway in said housing.

19. (previously presented) The interior mirror system of claim 13 further including electrical wiring for electrically connecting to said second electrical component/accessory in said rearview mirror.

20. (previously presented) The interior mirror system of claim 13 wherein said housing includes an opening to said interior compartment, said cover mating with said housing at said opening.

21. (previously presented) The interior mirror system of claim 20 wherein said cover extends along the windshield toward the header adjacent the windshield when in use.

22. (previously presented) The interior mirror system of claim 13 wherein said first electrical component/accessory comprises a rain sensor, said rain sensor adapted for viewing through the windshield of the vehicle on which said housing is mounted.

23. (previously presented) The interior mirror system of claim 22 wherein said housing includes an opening, said assembly further including a biasing member which biases said rain sensor forwardly through said opening into contact with the interior surface of the windshield of the vehicle.

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24. (previously presented) The interior mirror system of claim 13 wherein said first electrical component/accessory comprises a rain sensor, said rain sensor adapted for viewing through the windshield of the vehicle on which said housing is mounted, said housing including a front end for releasable attachment to the interior surface of the windshield of the vehicle, a rear end including said pivot joint.

25. (previously presented) The interior mirror system of claim 24 including a biasing member which engages and biases said rain sensor into contact with the interior surface of the windshield.

26. (previously presented) The interior mirror system of claim 25 wherein said housing includes a first opening at said front end, said first opening facing toward the windshield when said housing is attached to the interior surface of the windshield, said biasing member biasing said rain sensor forwardly through said first opening into contact with the interior surface of the windshield.

27. (previously presented) The interior mirror system of claim 26 wherein said housing includes an internal wall separating said interior into first and second compartments, said rain sensor mounted in a first of said compartments and a compass sensor mounted in the second of said compartments.

28. (previously presented) The interior mirror system of claim 27 wherein said housing includes a second opening at said rear end, said compass sensor being accessible through said second opening.

29. (previously presented) The interior mirror system of claim 28 wherein said cover mates with said housing at said second opening.

30. (previously presented) The interior mirror system of claim 29 wherein said cover extends along the windshield toward the header adjacent the windshield when in use.

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31. (previously presented) The interior mirror system of claim 28 wherein said cover is made of a polymeric material which snap-engages said housing at said second opening.

32. (previously presented) The interior mirror system of claim 27 including electrical wiring electrically connecting said rain sensor and said compass sensor to an electrical system of the vehicle.

33. (previously presented) The interior mirror system of claim 13 wherein said cover is made of a polymeric material which snap-engages to said housing.

34. (previously presented) The interior mirror system of claim 13 wherein said housing comprises a metal housing.

35. (previously presented) The interior mirror system of claim 34 wherein said metal housing comprises a die cast metal housing.

36. (previously presented) The interior mirror system of claim 13 wherein said housing comprises a polymeric housing.

37. (previously presented) The interior mirror system of claim 36 wherein said polymeric housing comprises a molded polymeric housing.

38. (previously presented) The interior mirror system of claim 37 wherein said molded polymeric housing comprises a housing molded from an engineering polymeric resin.

39. (previously presented) The interior mirror system of claim 38 wherein said engineering polymeric resin comprises a filled nylon.

40. (previously presented) The interior mirror system of claim 13 wherein said rearview mirror element comprises an electro-optic mirror.

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41. (previously presented) The interior mirror system of claim 40 wherein said electro-optic mirror comprises an electro-optic element having front and rear plates and an electro-optic medium disposed between said front and rear plates.

42. (previously presented) The interior mirror system of claim 40 wherein said rearview mirror further comprises a compass display.

43. (previously presented) The interior mirror system of claim 42 wherein said compass display is positioned to display through said electro-optic mirror.

44. (previously presented) The interior mirror system of claim 42 wherein said rearview mirror includes a chin portion and an eyebrow portion, said compass display being positioned to display through one of said chin and said eyebrow portions of said rearview mirror.

45. (previously presented) The interior mirror system of claim 44 wherein said compass display is positioned to provide a display through said chin portion of said rearview mirror.

46. (previously presented) The interior mirror system of claim 44 wherein said compass display is positioned to provide a display through said eyebrow portion of said rearview mirror.

47. (previously presented) The interior mirror system of claim 40 wherein said second electrical component/accessory included in said rearview mirror comprises said electro-optic mirror.

48. (previously presented) The interior mirror system of claim 40 wherein said rearview mirror further comprises a compass display and wherein said second electrical component/accessory included in said rearview mirror comprises at least one of said electro-optic mirror and said compass display of said rearview mirror.

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49. (previously presented) The interior mirror system of claim 13 wherein said first electrical component/accessory comprises a compass sensor, said compass sensor selected from one of a magneto-resistive sensor, a magneto-inductive sensor, a magneto-capacitive sensor, and a flux-gate sensor.

50. (previously presented) The interior mirror system of claim 49 wherein said compass sensor comprises a magneto-inductive sensor.

51. (previously presented) The interior mirror system of claim 49 wherein said compass sensor comprises a magneto-resistive sensor.

52. (previously presented) The interior mirror system of claim 49 wherein a circuit board bearing said compass sensor is housed in said housing.

53. (previously presented) The interior mirror system of claim 13 wherein said first electrical component/accessory comprises one of:

- a) a vehicle altitude sensor,
- b) a vehicle incline sensor,
- c) a headlamp sensor,
- d) a daylight sensor,
- e) a geographic positioning satellite (GPS) transmitter,
- f) a geographic positioning satellite (GPS) receiver,
- g) an antenna,
- h) a camera,
- i) a microphone, and
- j) a compass sensor.

54. (previously presented) The interior mirror system of claim 13 wherein said first electrical component/accessory comprises an antenna.

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55. (previously presented) The interior mirror system of claim 13 wherein said first electrical component/accessory comprises a printed circuit board bearing a compass sensor.

56. (previously presented) The interior mirror system of claim 13 wherein said housing includes a plurality of electrical components/accessories comprising said first electrical component/accessory and at least one additional electrical component/accessory.

57. (previously presented) The interior mirror system of claim 56 wherein at least one of said plurality of electrical components/accessories is adapted for viewing through the windshield of the vehicle on which said housing is mounted, said at least one of said plurality of electrical components/accessories comprising one of a rain sensor, a forwardly-viewing camera, and a headlamp sensor.

58. (previously presented) The interior mirror system of claim 57 wherein said at least one of said plurality of electrical components/accessories comprises a rain sensor and wherein said housing includes a front end for releasable attachment to the interior surface of the windshield of the vehicle, a rear end including said pivot joint, and a biasing member which engages and biases said rain sensor into contact with the interior surface of the windshield.

59. (previously presented) The interior mirror system of claim 57 wherein said at least one of said plurality of electrical components/accessories comprises a rain sensor and wherein said housing includes an opening, said assembly further including a biasing member which biases said rain sensor forwardly through said opening into contact with the interior surface of the windshield of the vehicle.

60. (previously presented) The interior mirror system of claim 56 wherein at least one of said plurality of electrical components/accessories, comprises:

- a) a vehicle altitude sensor,
- b) a vehicle incline sensor,

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- c) a geographic positioning satellite (GPS) transmitter,
- d) a geographic positioning satellite (GPS) receiver,
- e) an antenna,
- f) a microphone,
- g) a compass sensor,
- h) a camera,
- i) a daylight sensor, and
- j) a headlamp sensor.

61. (previously presented) The interior mirror system of claim 56 wherein said at least one of said plurality of components/accessories comprises a rain sensor.

62. (previously presented) The interior mirror system of claim 56 wherein said at least one of said plurality of components/accessories comprises a forwardly-viewing camera.

63. (previously presented) The interior mirror system of claim 56 wherein said at least one of said plurality of components/accessories comprises a headlamp sensor.

64. (previously presented) An interior mirror system for a vehicle comprising:

a housing for attachment to the interior of the vehicle, said housing having an interior compartment and adapted for releasable mounting to a receiving structure on the interior surface of the windshield of the vehicle;

a first electrical component/accessory in said interior compartment of said housing, said first electrical component/accessory comprising a rain sensor;

said housing including a removable cover;

a rearview mirror including a rearview mirror element;

said rearview mirror including at least a second electrical component/accessory;

said rearview mirror attaching to said housing;

whereby removal of said cover from said housing provides access to said interior compartment of said housing;



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wherein said housing includes a plurality of electrical components/accessories comprising said first electrical component/accessory and at least one additional electrical component/accessory; and

wherein at least one of said plurality of electrical components/accessories, comprises:

- a) a vehicle altitude sensor,
- b) a vehicle incline sensor,
- c) a geographic positioning satellite (GPS) transmitter,
- d) a geographic positioning satellite (GPS) receiver,
- e) an antenna,
- f) a microphone,
- g) a compass sensor,
- h) a camera,
- i) a daylight sensor, and
- j) a headlamp sensor.

65. (previously presented) The interior mirror system of claim 64 wherein said rearview mirror attaches to said housing by a pivot joint, said rearview mirror being pivotally adjustable about said housing, said housing remaining fixedly mounted to the interior surface of the windshield of the vehicle while said rearview mirror is being adjusted

66. (previously presented) The interior mirror system of claim 64 further including electrical wiring for electrically connecting to said first electrical component/accessory in said interior compartment of said housing.

67. (previously presented) The interior mirror system of claim 66 wherein said electrical wiring electrically connects to said second electrical component/accessory in said rearview mirror.

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68. (previously presented) The interior mirror system of claim 67 wherein said electrical wiring connects to an electrical system of the vehicle.

69. (previously presented) The interior mirror system of claim 67 wherein said housing includes a passageway for said electrical wiring.

70. (previously presented) The interior mirror system of claim 69 wherein said pivot joint includes a conduit therethrough which receives said electrical wiring, said conduit communicating with said rearview mirror and said passageway in said housing.

71. (previously presented) The interior mirror system of claim 64 further including electrical wiring for electrically connecting to said second electrical component/accessory in said rearview mirror.

72. (previously presented) The interior mirror system of claim 64 wherein said housing includes an opening to said interior compartment, said cover mating with said housing at said opening.

73. (previously presented) The interior mirror system of claim 72 wherein said cover extends along the windshield toward the header adjacent the windshield when in use.

74. (previously presented) The interior mirror system of claim 64 wherein said rain sensor is adapted for viewing through the windshield of the vehicle on which said housing is mounted.

75. (previously presented) The interior mirror system of claim 74 wherein said housing includes an opening, said assembly further including a biasing member which biases said rain sensor forwardly through said opening into contact with the interior surface of the windshield of the vehicle.

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76. (currently amended) The interior mirror system of claim 64 wherein said rearview mirror attaches to said housing by a pivot joint, said rain sensor ~~is~~ being adapted for viewing through the windshield of the vehicle on which said housing is mounted, said housing including a front end for releasable attachment to the interior surface of the windshield of the vehicle, and a rear end including said pivot joint.

77. (previously presented) The interior mirror system of claim 76 including a biasing member which engages and biases said rain sensor into contact with the interior surface of the windshield.

78. (previously presented) The interior mirror system of claim 77 wherein said housing includes a first opening at said front end, said first opening facing toward the windshield when said housing is attached to the interior surface of the windshield, said biasing member biasing said rain sensor forwardly through said first opening into contact with the interior surface of the windshield.

79. (previously presented) The interior mirror system of claim 78 wherein said housing includes an internal wall separating said interior into first and second compartments, said rain sensor mounted in a first of said compartments and a compass sensor mounted in the second of said compartments.

80. (previously presented) The interior mirror system of claim 79 wherein said housing includes a second opening at said rear end, said compass sensor being accessible through said second opening.

81. (previously presented) The interior mirror system of claim 80 wherein said cover mates with said housing at said second opening.

82. (previously presented) The interior mirror system of claim 81 wherein said cover extends along the windshield toward the header adjacent the windshield when in use.

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83. (previously presented) The interior mirror system of claim 81 wherein said cover is made of a polymeric material which snap-engages said housing at said second opening.

84. (previously presented) The interior mirror system of claim 79 including electrical wiring electrically connecting said rain sensor and said compass sensor to an electrical system of the vehicle.

85. (previously presented) The interior mirror system of claim 64 wherein said cover is made of a polymeric material which snap-engages to said housing.

86. (previously presented) The interior mirror system of claim 64 wherein said housing comprises a metal housing.

87. (previously presented) The interior mirror system of claim 86 wherein said metal housing comprises a die cast metal housing.

88. (previously presented) The interior mirror system of claim 64 wherein said housing comprises a polymeric housing.

89. (previously presented) The interior mirror system of claim 88 wherein said polymeric housing comprises a molded polymeric housing.

90. (previously presented) The interior mirror system of claim 89 wherein said molded polymeric housing comprises a housing molded from an engineering polymeric resin.

91. (previously presented) The interior mirror system of claim 90 wherein said engineering polymeric resin comprises a filled nylon.

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92. (previously presented) The interior mirror system of claim 64 wherein said rearview mirror element comprises an electro-optic mirror.

93. (previously presented) The interior mirror system of claim 92 wherein said electro-optic mirror comprises an electro-optic element having front and rear plates and an electro-optic medium disposed between said front and rear plates.

94. (previously presented) The interior mirror system of claim 92 wherein said rearview mirror further comprises a compass display.

95. (currently amended) The interior mirror system of claim 94 wherein said compass display is positioned to display through said electro-optic mirror ~~element~~.

96. (previously presented) The interior mirror system of claim 94 wherein said rearview mirror includes a chin portion and an eyebrow portion, said compass display being positioned to display through one of said chin and said eyebrow portions of said rearview mirror.

97. (previously presented) The interior mirror system of claim 96 wherein said compass display is positioned to provide a display through said chin portion of said rearview mirror.

98. (previously presented) The interior mirror system of claim 96 wherein said compass display is positioned to provide a display through said eyebrow portion of said rearview mirror.

99. (previously presented) The interior mirror system of claim 92 wherein said second electrical component/accessory included in said rearview mirror comprises said electro-optic mirror.

100. (previously presented) The interior mirror system of claim 92 wherein said rearview mirror further comprises a compass display and wherein said second electrical

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component/accessory included in said rearview mirror comprises at least one of said electro-optic mirror and said compass display of said rearview mirror.

101. (previously presented) The interior mirror system of claim 64 wherein said first electrical component/accessory comprises a compass sensor, said compass sensor selected from one of a magneto-resistive sensor, a magneto-inductive sensor, a magneto-capacitive sensor, and a flux-gate sensor.

102. (previously presented) The interior mirror system of claim 101 wherein said compass sensor comprises a magneto-inductive sensor.

103. (previously presented) The interior mirror system of claim 101 wherein said compass sensor comprises a magneto-resistive sensor.

104. (previously presented) The interior mirror system of claim 101 wherein a circuit board bearing said compass sensor is housed in said housing.

105. (previously presented) The interior mirror system of claim 64 wherein said at least one of said plurality of components/accessories comprises a geographic positioning satellite (GPS) receiver.

106. (previously presented) The interior mirror system of claim 64 wherein said plurality of electrical components/accessories comprises an antenna.

107. (previously presented) The interior mirror system of claim 64 wherein said plurality of electrical components/accessories comprises a compass sensor.

108. (previously presented) The interior mirror system of claim 64 wherein said at least one of said plurality of components/accessories comprises a headlamp sensor.

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109. (previously presented) The interior mirror system of claim 64 wherein at least one of said plurality of electrical components/accessories is adapted for viewing through the windshield of the vehicle on which said housing is mounted, said at least one of said plurality of electrical components/accessories comprising one of a forwardly-viewing camera and a headlamp sensor.

110. (previously presented) The interior mirror system of claim 64 wherein said housing includes a front end for releasable attachment to the interior surface of the windshield of the vehicle, a rear end attaching to said rearview mirror, and a biasing member which engages and biases said rain sensor into contact with the interior surface of the windshield.

111. (previously presented) The interior mirror system of claim 64 wherein said housing includes an opening, said assembly further including a biasing member which biases said rain sensor forwardly through said opening into contact with the interior surface of the windshield of the vehicle.

112. (previously presented) The interior mirror system of claim 64 wherein said at least one of said plurality of components/accessories comprises a antenna.

113. (previously presented) The interior mirror system of claim 64 wherein said at least one of said plurality of components/accessories comprises a forwardly-viewing camera.